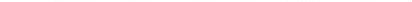


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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/045,934
		Filing Date	October 19, 2001
		First Named Inventor	William H. Bushong
		Group Art Unit	2838 1745
		Examiner Name	T. Parsons
Sheet	1	of	2
		Attorney Docket Number	

U.S. PATENT DOCUMENTS					Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number		Kind Code <sup>2</sup> (if known)	
	4,818,641		Ledenican	Apr. 4, 1989	429/61
	5,026,615		Tucholski	Jun. 25, 1991	429/61
	5,405,715		Dawson et al.	Apr. 11, 1995	429/54
	5,609,972		Kaschmitter et al.	Mar. 11, 1997	429/54
	5,741,606		Mayer et al.	Apr. 21, 1998	429/53
	5,747,187		Byon	May 5, 1998	429/58
	6,018,286		Quinn et al.	Jan. 25, 2000	337/140
	6,069,551		Kalapodis et al.	May 30, 2000	337/140
	6,078,244		Quinn et al.	Jun. 20, 2000	337/140
	6,080,506		Davis et al.	Jun. 27, 2000	429/61

4-17-2004

Examiner Signature	 Thomas H. Parsons	Date Considered	9-3-2003
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Substitute for form 1449B/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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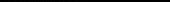
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**Complete if Known**

Application Number	10/045,934
Filing Date	October 19, 2001
First Named Inventor	William H. Bushong
Group Art Unit	2838 1745
Examiner Name	T. Parsons
Attorney Docket Number	780396.91470

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

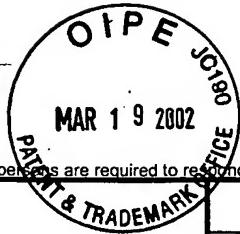
4-17-2004

Examiner Signature	 Thomas H. Parsons	Date Considered	9-3-2003
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PTO/SB/08A (10-01)

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**Substitute for form 1449A/PTO**

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Sheet 1 of 1

Substitute for form 1449A/PTO		<i>ATT &amp; TRADEMARK</i>		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/045,934
(use as many sheets as necessary)				Filing Date	October 19, 2001
				First Named Inventor	William H. Bushong
				Group Art Unit	2838, 1745
				Examiner Name	<i>T. Parsons</i>
Sheet 1		of 1		Attorney Docket Number 780396.91470	

## U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	9-3-2003	4/15/04
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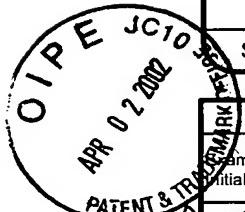
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/045,934
		Filing Date	October 19, 2001
		First Named Inventor	William H. Bushong
		Group Art Unit	2038-1745
		Examiner Name	V. T. Parsons
Sheet	1	of	1
		Attorney Docket Number	
		780396.91470	



## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

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of 1

***Complete if Known***

<b>Application Number</b>	10/045,934
<b>Filing Date</b>	October 19, 2001
<b>First Named Inventor</b>	William H. Bushong
Group Art Unit	2698-1745
Examiner Name	T. Parsons

Attorney Docket Number | 780396.91470

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

4-17-2004

Examiner Signature	 Thomas H. Parsons	Date Considered	9-3-2003
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Sheet 1 of 2

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(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
780396.91470SERIAL NO.  
10/045,934
**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
*(Use several sheets if necessary)*

APPLICANT(S): Bushong et al.

FILING DATE:  
10/19/2001GROUP  
2838 1745**U.S. PATENT DOCUMENTS**

* EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TKP	3,614,583	10/19/1971	Burkett et al.	320/5		
	3,622,397	11/23/1971	Belove	136/178		
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	4,025,696	05/24/1977	Tucholski et al.	429/61		
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	4,959,604	09/25/1990	Cuesta	320/20		
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THP	5,872,444	02/16/1999	Nagano et al.	320/106		

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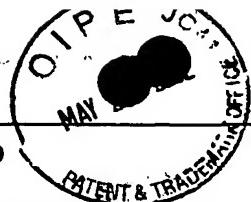
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
THP	199926971 A1	03/16/2000	Australia				
THP	09320562 A	12/12/1997	Japan (abstract)				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


4-17-2004

EXAMINER	Thomas H. Parsons	DATE CONSIDERED	9-3-2003
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**U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**

ATTY. DOCKET NO.  
**780396.91470**

SERIAL NO.  
10/045,934

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
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APPLICANT(S): Bushong et al.

FILING DATE:

GROUP  
28381745

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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4-17-8004

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Approved Thomas H. Parsons

**DATE CONSIDERED**

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**EXAMINER**

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Form PTO-1449 (Rev. 2-88)				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>780396.91470</b>	SERIAL NO. <b>10/045,934</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				APPLICANT(S): Bushong et al.			
				FILING DATE: <b>10/19/2001</b>	GROUP <b>2838 1745</b>		

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C							

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

THP <i>[Signature]</i>		Carson, Jr. et al., "Rapid Recharging of Nickel-Cadmium Batteries," <u>Power Sources</u> 2 pages 181-197 (1968)
		Coyle et al., "Ultra-Fast Nickel Cadmium Batteries Charger," <u>New Developments in Electric Vehicles for Disabled Persons</u> pages 8/1-8/5 (1995)
		Falcon, C.B., "Fast Charge Termination Methods for NiCd and NiMH Batteries," <u>PCIM Journal</u> pages 10-18 (1994)
		Fujikawa, Kaoru, "The New Cylindrical Sealed Ni-Cd Battery, 250 AAP, and its Charger, ZLC 8.4-0.35T," <u>Yuasa Jijo</u> 61:35-41 (1986)
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		Latner, N., "A Fast Charger for Nickel-Cadmium Batteries," <u>Health Physics</u> 23:580-582 (1972)
		Tsuda, S., "Quick Charge Characteristics of Sealed Nickel-Cadmium Rechargeable Batteries," <u>National Technical Report</u> 24:313-320 (1978)
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		Wuidart, L., "Monitoring an Ultra Fast Battery Charger with a ST6210 Micro-Controller," <u>EPE Journal</u> 2:35-38 (1992)
THP <i>[Signature]</i>		Yang et al, "Charge Performance of a Commercial Nickel Metal Hydride Traction Battery System," <u>Journal of the Electrochemical Society</u> 148:A1023-A1028 (2001)

EXAMINER

*[Signature]* Thomas H. Burns

DATE CONSIDERED

9-3-2003 4/17/2004

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